Form PTO)-144		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. 678-1109			SERIAL NO. 10/681,937			
INFORMATION DISCLOSURE					APPLICANT Chan-Soo HWANG et al.							
STATEMENT BY APPLICANT (Use several sheets if necessary)					FILING DATE October 9, 2003			GROUP ART UNIT 2611				
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	ì	DOCUMENT NUMBER DATE			NAME		s	SUBCLASS	FILING DATE IF APPROPRIATE			
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)												
	1.	Sharma et al., IMP May 13, 2002	PROVED QUASI-ORT	HOGO	OGONAL CODES THROUGH CONSTELLATION ROTATION,							
	2.		Tirkkonan et al., MINIMAL NON-ORTHOGONALITY RATE 1 SPACE-TIME BLOCK CODE FOR 3+ TX ANTENNAS, September 6, 2000									
	3.	Tirkkonan et al., November 25, 2001	Tirkkonan et al., IMPROVED MIMO PERFORMANCE WITH NON-ORTHOGONAL SPACE-TIME BLOCK CODES, November 25, 2001									
	4.		Shao et al., A RATE-ONE NON-ORTHOGONAL SPACE-TIME CODED OFDM SYSTEM WITH ESTIMATION FOR FREQUENCY SELECTIVE CHANNELS, November 17, 2002									
	5.	Uysal et al., NEW November 25, 2001	Uysal et al., NEW SPACE-TIME BLOCK CODES FOR HIGH THROUGHPUT EFFICIENCY, November 25, 2001									
	6.	Niida et al., ADAE February 27, 2002	Niida et al., ADAPTIVE MODULATION USING SPACE-TIME BLOCK CODE MATRIX, February 27, 2002									
	7. Tirkkonen, OPTIMIZING SPACE-TIME BLOCK CODES BY CONSTELLATION ROTATIONS, 2001											
EXAMINE	R				DATE CONSIDERED							

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw citation if not in conformance and not considered. Include copy of this form with next communication to ap